

JASN RATHORE

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Education

Bharati Vidyapeeth (Deemed To Be University)

B.Tech in Computer Science and Engineering

Aug 2024 – Present

Navi Mumbai, Maharashtra

New Horizon Public School

Senior Secondary (XII)

July 2022 – Aug 2024

Navi Mumbai, Maharashtra

Relevant CourseWork

- Linear Data Structures
- Non Linear Data Structures
- Database Management System
- Web Programming
- Software Engineering
- Object Oriented Methodology

Technical Skills

Languages: Golang, JavaScript, Python, Rust, SQL, HTML, CSS, TypeScript, Java, C

Frameworks/Libraries: React, Next.js, Tailwind, Node.js, Vite

Databases: MongoDB, PostgreSQL, Redis, SQLite

Tools/Platforms: Docker, GitHub, Kali Linux, Linux, NixOS

Version Control: Git, GitHub

Design & Modeling: Figma, Blender, Canva

Languages

English: Proficient

Hindi: Native

Experience

Infraware

September 2025 – November 2025

Software Intern

Dubai, UAE

- Overhauled company website, improving load time by 60% and SEO and GEO via server-side rendering.
- Built the core foundation by rewriting internal tools from Python to Rust for next-gen products.

GFG Club

January 2025 – July 2025

Web Co-Head

Navi Mumbai, Maharashtra

- Developed and maintained the club website
- Learned how to implement Supabase and also optimize Image Serving

Projects

JHR | Java, Java Hot Reloader

June 2025

- Developed a small hot reloader primarily targeting game development.
- Improved debugging with inbuilt error/log window and developer speed.
- GitHub: github.com/JasnRathore/jhr

JPM | Go, Turso, Windows Package Manager

June 2025

- Developing a simple package manager for windows for ease of installation of my personal tools and some others.
- Made me learn how to write a parser for custom installation instructions that the system has to use.
- GitHub: github.com/JasnRathore/jpm

Arlo | Go, Vite, FullStack Web Framework

June 2025

- Developed a lightweight framework for building fullstack web apps using vite in frontend and backend, into a single binary.
- it enables developers to create performant web applications with familiar web tools and go tools.
- GitHub: github.com/JasnRathore/arlo

Glide | Go, HTML/CSS/JavaScript, Desktop Framework, vite

May 2025

- Developed a lightweight framework for building cross-platform desktop apps using web technologies (HTML/CSS/JS) with a Go backend.
- Currently supports Windows, enabling developers to create performant desktop applications with familiar web tools.
- GitHub: github.com/JasnRathore/glide

Geek For Geeks Club Site | *Next.js, Supabase, React***Jan 2025 – Feb 2025**

- Built a responsive website to showcase events, team information, and memories for a university club.
- Integrated Supabase for backend functionality and optimized performance with Next.js server-side rendering.
- Live Demo: gfgbvdoet.vercel.app

Project Aliasier | *Golang, CLI, SQLite***Feb 2025**

- Developed a CLI tool to simplify folder navigation by creating aliases for frequently accessed directories.
- Reduced repetitive terminal commands, improving workflow efficiency for developers and power users.
- GitHub: github.com/JasnRathore/project-aliasier

JCommand Chain | *Go, CLI***May 2024**

- Created a CLI utility to alias commands/scripts or execute multiple commands concurrently.
- Enhanced productivity by automating repetitive terminal workflows with customizable command chains.
- GitHub: github.com/JasnRathore/JCommandChain

Jyntaxe | *Tauri, React, Rust, Tailwind CSS***Apr 2024**

- Designed a minimalist fullscreen code editor with a focus on distraction-free coding.
- Leveraged Tauri for a lightweight cross-platform build and Rust for performance-critical components.
- GitHub: github.com/JasnRathore/jyntaxe

BUISQL | *Python, MySQL, GUI, Rust***Jan 2024 – Mar 2024**

- Built a GUI application to view and interact with MySQL databases without using the command line.
- Simplified database management for non-technical users through an intuitive graphical interface.
- GitHub: github.com/JasnRathore/BUISQL

Hades | *Python, CLI, CRUD, C++, MySQL***Sep 2023 – Oct 2023**

- Developed a CLI-based CRUD application to manage prison records as part of a school project.
- Implemented file-based data persistence and a user-friendly command interface for data manipulation.
- GitHub: github.com/JasnRathore/Hades